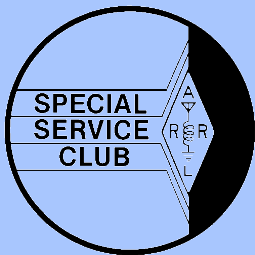




The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: **Second Tuesday** of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the **First Tuesday** of each month.
- On the **fourth Tuesday** of every month, in-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our 2022 ham public service schedule.

RARS General Meeting

Main Topic: RARS Officers Induction and "Parks On the Air Explanation"

By: Ben Davis, KN4RFT

Date: December 13, 2022

Time: Meeting at 7:30 PM, informal gathering at 7PM on Zoom.

Where: Zoom

RARS In Person Meeting

Date: December 27, 2022

Where: Ridge Road Baptist Church

Time: 7:00 PM

On the fourth Tuesday of every month. In-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.

RARS Officers

PRESIDENT

John Honeycutt
N8ZU
919.417.2477
jfh49@bellsouth.net

VICE PRESIDENT

Tom Lewis
N4TL
N4TL2@yahoo.com

SECRETARY

Mark Kilmer
KM4JRH
919.676.0110
mark.kilmer@gmail.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Regular dues for licensed amateurs are \$18 per year. (From July 1 through June 30.) Additional licensed immediate family members pay \$5 each per year. Dues for licensed full time students and licensed seniors 60 and over are \$12 per year. Unlicensed individuals may become associate members for \$9 per year. Applications for membership are available from the treasurer or on the RARS web site.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

November 8, 2022 RARS meeting

The meeting was held on Zoom. Many members connected from 7PM on. President John Honeycutt, N8ZU, ran the formal part of the meeting. [Click here](#) to jump to the meeting minutes.

During the meeting, the following people were elected.

2023 Nominations.

RARS Officers for a two-Year Term:

Vice Pres: Chuck Till, K4RGN

Treasurer: Greg Seamster, KE4PAX

Board Members for one-year term:

Public Service Director,

Plus RARS Facebook; Jeremy Lindsley, K2HJX

RARS Exciter Editor: Tom Lewis, N4TL

RARSfest 2023 Chair: Nancy Torborg, KB2TNR

RARS Net Manager: Julia Royster, KT4JR

Director at Large: Alan Pitegoff, AB4OZ

Director at Large: Tadd Torborg, KA2DEW

Director at Large: Ken Latchum, AD4GX

FM Repeater Chair: Chuck DeCourt, W3WZN

W4DW, W4RNC, N4RAL

Trustee coordinator: Carl Davis, W8WZ

ARRL Liaison: Chuck Littlewood, K4HF

RARS Education Director: Carl Davis, W8WZ

RARS Youth Director: Brantley West, K4CBW

RARS Web Master: Tony O'Connor, K1OC

RARS Food Service Chair: Richard Kroeger, N1FUA

RARS NC QSO Party Chair: Marty Young, W4MY

RARS 2023 Field Day Chair: Curt Phillips, W4CP

RARS Volunteer Exam Coordinators Liz, KO4CK & Joe White, WA4GIR

Submitted by Chuck Littlewood, K4HF

Nominating Committee Chair

November 8, 2022 RARS meeting, continued

Tom, N4TL, did a show and tell about the book “Wes Schum” by Dominic Tusa. Wes Schum started the Central Electronics company in 1949. He made SSB equipment for Amateur radio operators. Tom found and bought a Central Electronics Signal Slicer at the Cary Hamfest a few months ago. He has it connected to a Hallicrafters radio.



Hallicrafters SX-110 connected to a Central Electronics Signal Slicer. The Signal Slicer enabled SSB reception.

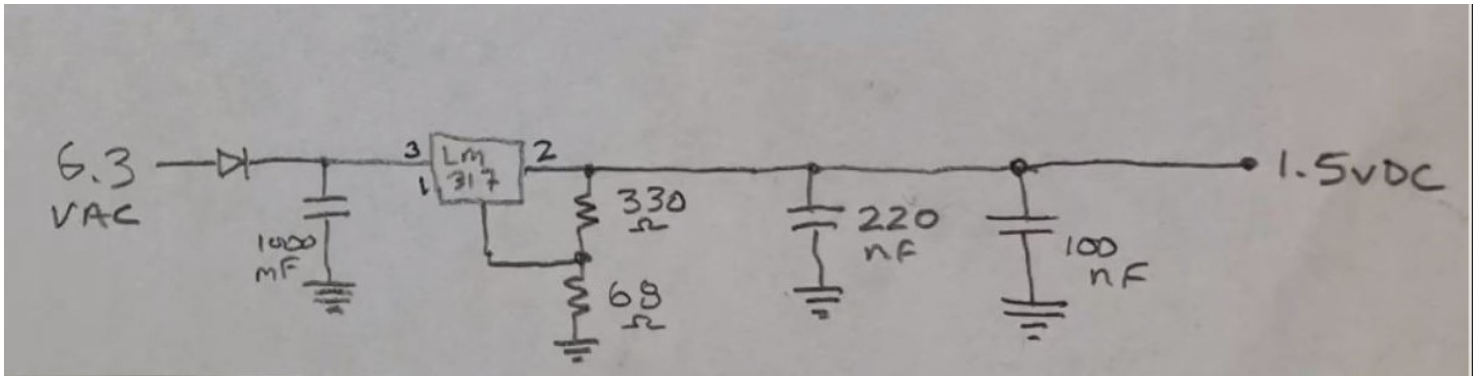
WES SCHUM AMATEUR RADIO'S UNSUNG HERO



Dominic (Nick) Tusa

November 8, 2022 RARS meeting, continued

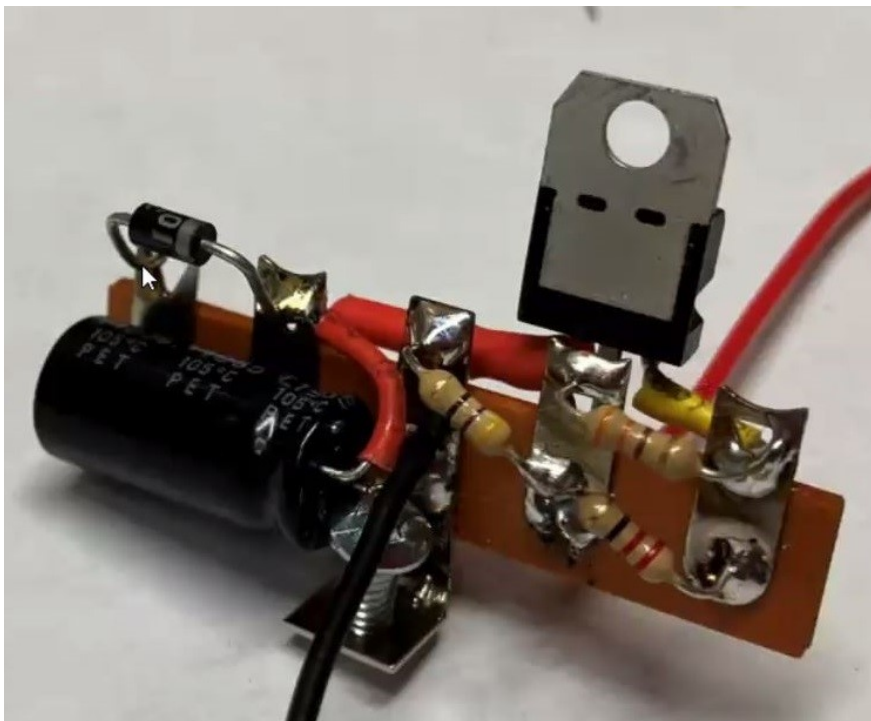
John Honeycutt, N8ZU, did a show and tell about replacing a battery in a vintage voltmeter with a line powered voltage regulator.



Circuit above with a LM317 voltage regulator.

Heathkit VTVM meter on the right.

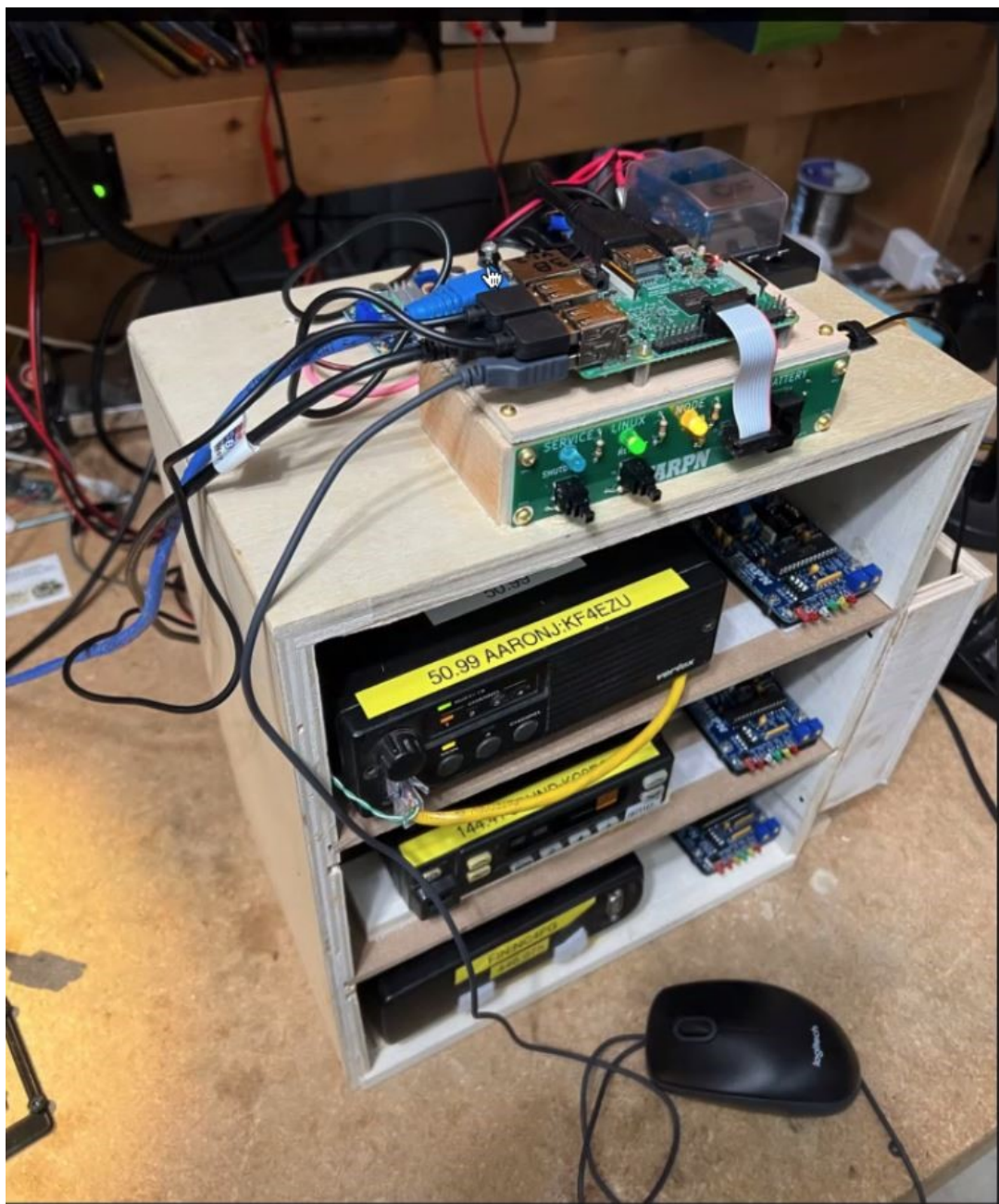
The circuit below.



November 8, 2022 RARS meeting, continued

Tadd, KA2DEW, did a presentation about TARP.N.

More info can be found here, [TARP.N Packet Radio Networking Home Page](https://www.rars.org)



November 8, 2022 RARS meeting

 Tom Lewis, N4TL, Ral... (Co-hc	 Chuck, K4HF - Raleigh	 K4HM - Hank & KG4RMT -
 Mark - KM4JRH - Raleigh (Ho	 Chuck-K4RGN-RaleighNC	 KB2TNR Nancy Torborg
 Curt Phillips W4CP Smithfield	 DAN K4LIF Durham	 Ken Latchum AD4GX
 Jeremy K2HJX Raleigh	 Doug AD4UL, Melbourne, FL	 KN4DRN, Mike in Durham
 John Honeycutt N8ZU Raleigh	 Doug N3LTV Raleigh NC	 Lee Rogers WB4DRJ
 Joe N4BJH Wake Forest	 Greg KE4PAX - Oak Ridge, TN	 Matthew's iPhone
 Alan AB4OZ RALEIGH	 James (JC) Jones KK4VUS We	 Mike Salmi, AE4IM Fuquay
 Ben Davis KN4RFT	 Jeremy K2HJX Raleigh	 NY4NC Stephen Wake Fore:
 Bill W4WHW Raleigh	 Jerry KE4TTS Cary, NC	 roger k4klk
 Bob N4GEB Clayton	 Jim KM4WRK, Raleigh	 Sam KN4RWI
 Bob K4RLC	 Joanne AA3N	 roger k4klk
 Bob, W4GIA, Raleigh NC	 Joe KM4WRQ	 Sam KN4RWI
 Charles WB4DCM Raleigh	 Just Joe - K4HEW - Clayton	 Sam KQ4AQJ Raleigh NC
 Charles-WA4OSS	 K4ACS-Smitty/Raleigh NC	 Tom NC4TS Lake Royale
 Chris N3CS Raleigh	 K4BYN Louis	 Tony O'Connor K1OC Apex

44 people attended the zoom meeting

Fourth Tuesday RARS Monthly Event

Each fourth Tuesday we have the RARS Gathering at the Ridge Road Baptist Church starting at 7pm. The church is at 2011 Ridge Road, Raleigh. Every month the RARS Gathering will include hands on demos of old and new ham radio and an extended social period. Members and non-members are welcome. This is the event you want to attend in order to find out about the local ham community, to meet other ham radio operators, see our equipment, get on the air, and exchange your ideas with our ideas in a fun forum.

Yearly Repeater Recertification

All Repeater Owners / Trustees

The Southeastern Repeater Association, SERA Coordination Policies and Guidelines, Policy 13 states, if the repeater owner or trustee of record fails to keep the SERA Universal Coordination System, UCS current for a period of two consecutive years, the SERA shall automatically de-coordinate the frequency pair.

To make sure this does not happen, go to <http://www.sera.org> and look at the UCS.

<https://sera.org/index.php/universal-coordination-system/>

Click "Browse Records", click on "View" for your repeater. If everything is the same, click on "Recertify that information is current: NO CHANGES". Click on "Submit".

You are done for a year.

73 Tom N4TL

Deepest Sympathies

Doug Hall, K4DSP, passed away unexpectedly December 4, 2022.

Doug was a very active in many things. His QRZ.com entry lists many of the things he worked on over the years. He volunteered at the NC State University Usher Lifelong Learning Institute teaching classes. He gave a number of presentations to RARS.

[Douglas Hall Obituary - Raleigh, NC \(dignitymemorial.com\)](http://Douglas Hall Obituary - Raleigh, NC (dignitymemorial.com))

Doug will be missed.

<https://www.rars.org>

RARSfest

North Carolina's Largest All-Indoor Hamfest

Planning is underway to bring the amateur radio community the finest hamfest in North Carolina, April 8, 2023!

We have several folks who have stepped up, or are returning as Crew Chiefs:

Security - Tony K1OC

Treasurer - Greg KE4PAX

General Admission and Flea Market Sales - Jeremy K2HJX

VE Testing Joe WA4GIR & Liz White

Project Table - Alan AB4OZ

ARRL Liaison - Chuck K4HF

Set-up/Tear-down - Doug AD4UL & Bernard W4BRB

RARS Member Consignment Table - Tom N4TL

Thank you for your time and expertise!

We Have some Crew Chief or Solo Needs:

Talk-in: Friday April 7 Noon-8; Saturday 6:00-14:00. Can be done remotely!

Social Media: Post to Facebook, Twitter and Email

Radio Club Liaison: reach out/visit local clubs to sell tickets or promote RARSfest

Signage: deploy signs to the interior and exterior of Jim Graham Building; retrieve at the end of day

RARSfest Information Table: raffle barrel, lost & found, general help

Email ntorborg@mac.com for more information or to volunteer

Nancy Torborg
KB2TNR
ntorborg@mac.com

RARSfest - April 8, 2023

Future RARS Meeting Topics

Titles, topics, and speakers **subject to change.**

Date	Topic	Presenter
12/13/2022	RARS Officers induction & Parks On the Air activation	Election committee & Ben Davis, KN4RFT
1/10/2023	A Radio Astronomer's View of Propagation	Dr. Kerry Kingham WA4BQM
2/14/2023	TBD	
3/14/2023	The future of radio spectrum	Jon Siverling WB3ERA of the ARRL staff

During the Zoom meetings please keep
your microphone muted.

Please edit your name so your
Name, Call and Location are shown.

November 2022 RARS net report

30 2m nets

421 checkins

785 minutes duration.

73 Julie Royster, KT4JR

RARS Member Birthdays

Ken	AC1BX	12
Charley	KE4QBW	12/01
Smitty	K4ACS	12/02
Gary	KI4KKY	12/03
Glenn	KA4GLN	12/04
Chip	KN4LHD	12/05
Ronnie	W4RJF	12/06
Michael Roberson		12/07
Jen	KO4JRL	12/07
Ben	KN4RFT	12/07
Frank	W4CWA	12/08
Charles	KY4HU	12/08
Neil	NR1Y	12/08
Bruce	KC4UQN	12/09
Dan	KQ4ABO	12/09
Kenn	NE4Y	12/09
Virginia	NC4VA	12/09
Mike	WA4BPJ	12/11
Frank	KA2FWC	12/12
Roger	KS4VX	12/12
Sam	KI4TRG	12/13

Ralph	WB4EJJ	12/15
Conner	KE4ZNS	12/15
Tony	N4EWE	12/15
John	KM4MMA	12/16
Charles	KM4AMT	12/18
Mike	KN4GUN	12/19
Ronald	KC4RB	12/21
Daniel	KD4UNX	12/26
Mike	KK4YAQ	12/27
John	KO4LDW	12/27
Darrell	W4CX	12/29
John	KO4HLP	12/30
Tom	KI4ISG	12/31
Bob	W4GIA	12/31
Dick	KD4ISC	12/31

New Members

Paul Dugdell	KO4PZA
Robert Dugdell	Not Licensed

Interesting website

Here is a link to a documentary made about ham radio by a pbs station in Montana. I thought you might like to share the link with RARS members in the exciter. Thanks and happy holidays! Carl

<https://www.montanapbs.org/programs/ham/>

Thanks to Carl Davis, W8WZ

W4NPN's Ham Radio Stuff

Lots of Ham Radio Information, <https://www.w4npn.net>

International CW Council

The ICWC sponsors a contest called the MST (Medium Speed Test) to help populate the CW bands with activity on Mondays and Tuesdays at the speed of 20-25wpm.

[MST Contest - International CW Council](#)

<https://www.rars.org>

HAM RADIO LUNCHEON

Everyone is welcome!

Every Thursday at 11:15 AM, New York Diner,
909 McKnight Drive Knightdale.

<https://www.facebook.com/NewYorkDinerNC>

Check the latest information on the AB4OZ QRZ entry. [QRZ.COM](https://www.qrz.com).

RARS Contagious Diseases Policy

“The Raleigh Amateur Society asks that any person to know that they have COVID 19, or other contagious diseases, refrain from attending any in-person RARS event until they are no longer contagious.”

RARS Membership links

Use the following link to verify / update your membership profile.

<https://www.rars.org/userprofile.php>

Use the following link to renew your membership.

https://www.rars.org/membership_renewal.php

Free AB4OZ Hamfest, Weather permitting

The free AB4OZ Hamfest will be Saturday, December 10, 2022. Setup at 9AM. Start time is 10AM. New location, Golden Corral Restaurant rear parking lot. 3551 Grenelle street, Raleigh NC 27603.

Check the latest information here [QRZ.COM](https://www.qrz.com).

Other Hamfests, Charlotte March 10, 11, Raleigh April 8; Winston Salem April 15.

<https://www.rars.org>

RARS Monthly Supper, IHOP Restaurant

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the IHOP Restaurant, 7471 Six Forks Road, Raleigh. The restaurant is on the corner of Sawmill and Six Forks Roads. After entering the restaurant and lobby, move to the left to the glass window enclosed private room. Informal and Dutch, just bring your appetite and best rag to chew.

73, Chuck, K4HF

December 6, 2022 at the IHOP



Left to right, Dennis Mason, WZ0Q; Ken Latchum, AD4GX; Tony O'Conner, K1OC;
Jonathan Osbrink, KB8QNE; Waiyi Choi; Luke Osbrink; Paul N4YGU, Paul Bryant;
Jim Crook, KM4WRK; John Honeycutt, N8ZU; Chuck Littlewood, K4HF;
Alan Pitegoff, AB4OZ; Tom Lewis, N4TL;
Tom's wife taking the picture, Jan Lewis,

Portable Power, by C. Brantley West, III, K4CBW

DC power is one of the first problems to solve when operating portable. Your portable operation might take place near established infrastructure where AC power is plentiful. Remote locations will require the use of a battery. Some radios have internal batteries, but if you're running 100W, an external battery is a likely necessity.



AC power?

Some public spaces have AC outlets available in shelters or bathrooms that can be used. These are a relative luxury since they grant you unlimited operating time at your maximum power level (or at least up to 100W). If possible, research AC power availability ahead of time. If a picnic shelter has ceiling fans, you might get lucky (looking at you Clemmons Educational State Forest). Some parks have photos that might provide hints.

If an AC outlet is available, be prepared with a power supply and extension cord. The extension cord provides operating flexibility in case an antenna or operating position adjacent to the outlet is infeasible. Operating from a picnic table via an extension cable is preferable to sitting on concrete or dirt.

Portable Power, Continued

If the AC outlet is out of range of the operating position, you might still find it useful for topping off your battery. I used this technique on a recent Scouting campout where I was unsure of my battery charge level and needed to run 100W SSB.

Back to Batteries

When selecting a battery, I wanted one that would provide 2-3 hours of runtime for a 100W radio. I use this battery for occasional demonstrations and POTA activations where 100W is desirable. I opted for a LiFePo battery over an AGM or SLA battery, despite the costs, for the following reasons:

- Low weight relative to capacity

- Gently sloping voltage discharge curve

The West Mountain Radio [DC Power technologies, Distribution, Batteries and Solar](#) presentation provides a good overview of battery chemistries and performance.

My portable power solution consists of a [BioEnno 12V, 15Ah LiFePo battery](#) transported inside a [Plano Ammo box](#). I used BioEnno's [duty charts and compatibility charts](#) to pick the 15Ah model. Although the ammo box provides a rubber O-ring to keep water out, its best feature is its handle. **If it can't be carried with one hand, it's not portable.**

The box is sized perfectly to hold:

- the battery

- [RIGrunner 4005](#) fused DC distribution box

- [14.6V, 4A battery charger](#)

- Spare ATC fuses for the RIGrunner, ratings varying from 1A-25A

- Phone charging cable



Portable Power, Continued



Construction

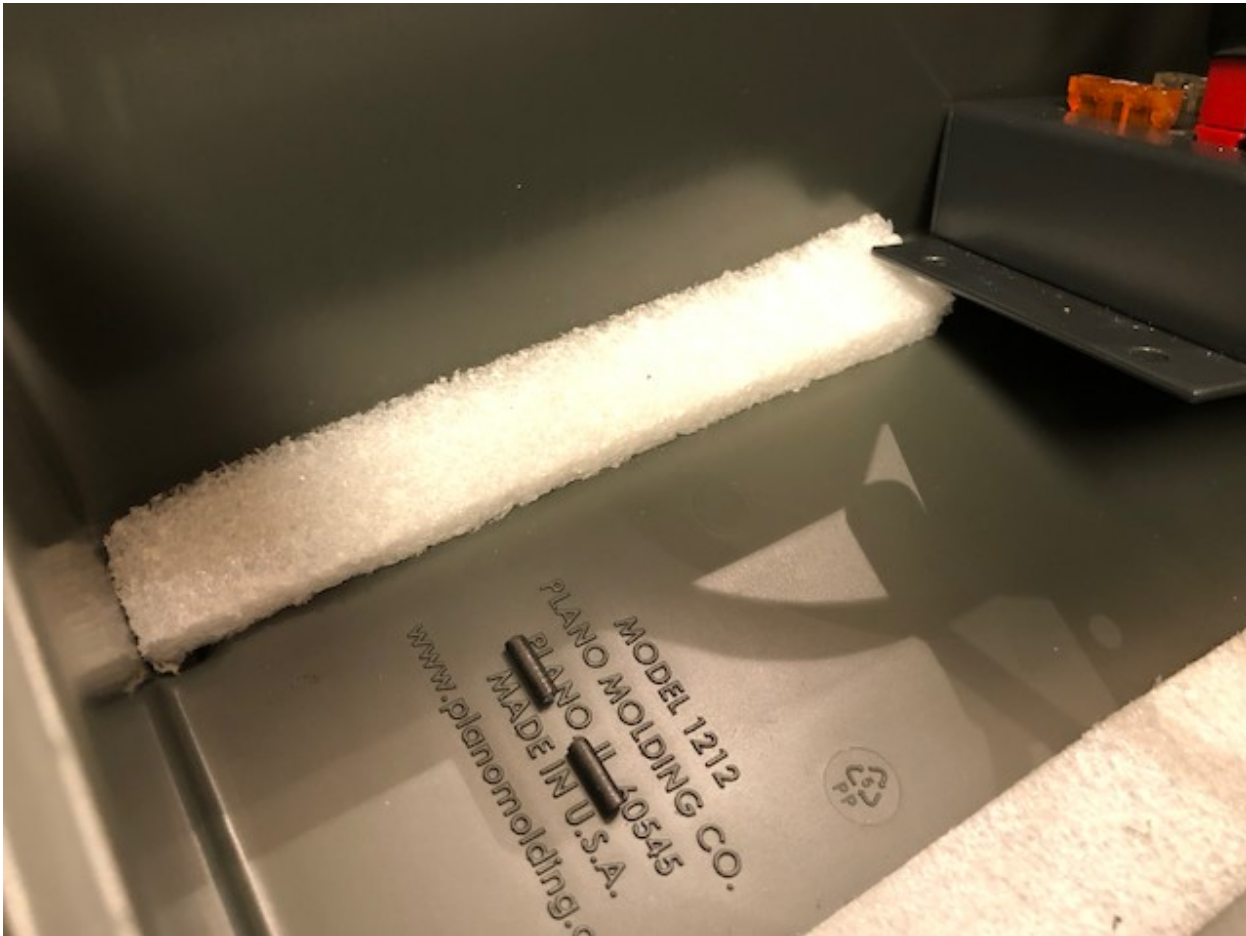
I built the box in a way that allows it be deconstructed, if ever needed. This allows me to easily test components, replace failed components, and “borrow” things from it, as needed. The picture below shows how everything can be taken out.

Portable Power, Continued



For versatility, I added two banks of PowerPole connectors, one on the lid and one under the hinge. Each PowerPole jack is connected directly to the RIGrunner. The PowerPole jacks on the lid are intended for accessories, are wired with 18 gauge cable and are fused at 3A. The bottom jacks under the hinge are intended for higher amperage devices (e.g. radios), are connected with 12 gauge zip cord, and are fused at 25A. I added a small amount of shock protection to the battery via some foam strips I cut from a larger block.

Portable Power, Continued



The final touch was a switch and combination voltmeter & USB charger. The switch controls the voltmeter/USB charger, not the PowerPole jacks (it has a low amperage rating). This allows me to give my phone a boost; useful if I need to spot myself on <https://pota.app> or monitor Reverse Beacon Network reports. I also like the fact that I'm future-proofed for USB-C devices, like the RigExpert Stick Pro.

Portable Power, Continued



I tried to make the box look “professional”, so I bought the hole saw and used mounting plates for the jacks. I also went to the trouble of applying silicone between the mounting plates and the box. Hindsight being 20/20, I would skip the silicone next time. It’s messy, and the switch I used can pop out of it’s housing, dissipating any hope for it being water resistant.

Overall, I’m pleased with this solution. It gives me the versatility I need, the ability to operate 100W, and I can carry it with one hand. Not bad for a not-so-handy guy.

C. Brantley West, III, K4CBW

cbwest@gmail.com

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

Check the RARS Classified List on the RARS website regularly for new items.

Radio Shack model HTX-242 two meter mobile radio

Posted December 2nd, 2022 by: W4MGT

Contact: jenx4321@gmail.com

Radio Shack 2 meter FM mobile radio. It has two transmit power levels: 45 watts (high) and 10 watts (low). Includes microphone, mounting bracket, and printout of the manual. The manual is easily available as a .pdf on the web as well.

\$50

Ten Tec Omni-D with Remote VFO and Power Supply

Posted November 30th, 2022 by: W4MGT

Contact: jenx4321@gmail.com

Ten Tec Omni D HF Transceiver serial number 546-0096. The PTO has been rebuilt using the rebuild kit from TenTec (from when Ten Tec supplied the rebuilt kits).

Ten Tec remote VFO model 243 that matches the Ten Tec Omni D. I've never used this remote VFO. It does need the dial cord to be replaced. I do have the "243 Dial Cord and Pointer Replacement" kit from TenTec (from when Ten Tec supplied parts).

Ten Tec Power Supply model 280 that matches the Ten Tec Omni D. 12v DC supply to power the Ten Tec Omni D.

\$250 for all 3 pieces, manuals, dial cord kit, and notes from the PTO rebuilt.

RARS Classifieds continued

Nine items for sale

Posted November 30th, 2022 by: N4TL

Contact: n4tl2@yahoo.com

Audio Amplifier breadboard, working, \$5

Heathkit BR2 AM radio working, \$30

Heathkit IT-3120 Transistor tester, working \$10

HP 3311 Function generator, working \$20

Toggle switch in box \$2

Knight TR-106 Six Meter AM transceiver, receiver works,

Xmit needs work, includes 50.400 crystal. \$30

Realistic Navaho CB radio, TRC-30A with power supply, working \$40

Polyphaser 50NX-C2, surge protector, not tested \$25

contact me via email N4TL2@yahoo.com

MFJ-1763

Posted November 13th, 2022 by: KT4EM

Contact: rwphile@gmail.com

Portable 2-meter, 3 element beam antenna. Barely used. Vertical or Horizontal orientation. Includes manual, mounting bracket and a plastic art tube for storage and transport. 50.00 cash. Local only. Pictures available.

Diamond CR8900A Antenna

Posted November 13th, 2022 by: KT4EM

Contact: rwphile@gmail.com

Quad band 2m, 70cm, 10m and 6m mobile antenna. 55.00 cash. Local only.

RARS Classifieds continued

Eimac 3-500Z Tube - \$100

Posted November 10th, 2022 by: NR4O

Contact: NR4O@att.net

Eimac 3-500Z Tube - \$100

- spare original tube from my TL-922A amplifier

Kenwood TS-440SAT - \$400

Posted November 10th, 2022 by: NR4O

Contact: NR4O@att.net

Kenwood TS-440SAT - \$400

- Built in antenna tuner
 - YK88S 2.4khz & YK88C 500hz filters
 - IC10 CAT interface chip installed
 - Dot problem repaired and installed LED meter lights
 - 10 Hz display mod & MARS Mod
 - Hand mic, power cord, original box
 - Good to Very Good condition - fully functional
-

Kenwood TL-922A Linear Amplifier - \$1200

Posted November 10th, 2022 by: NR4O

Contact: NR4O@att.net

Kenwood TL-922A Linear Amplifier - \$1200

- 160 to 10m
 - 2 kW PEP SSB / 1 kW CW & RTTY
 - 3-500ZGMP matched pair - RF Parts new 2017
 - W7RY QSK upgrade
 - w/Gigavac GH-1 ceramic vacuum relay
 - high speed reed relay
 - improved tube bias circuit
 - LED illumination for meters
 - W7RY 240VAC soft start upgrade - inrush protection
 - Original operating manual w/schematics
-

RARS Classifieds continued

- W7RY documentation
- annotated schematics
- parts lists
- Pictures internal/external available on request
- works great - used regularly on all bands
- replaced with solid state amp in October 2022

Alinco DR-635 VHF/UHF Transceiver

Posted November 9th, 2022 by: K4KLK

Contact: rogerk4klk@aol.com

As new. Smoke and pet free home. 50 watts on Vhf. 35 watts Uhf. Manual and box. \$150 see as sold prices on EBay.

RARS Portable Operating Group

Saturday November 26 from 1-5:3PM at Eno River State Park Fews Ford picnic shelter

Eight hams gathered at the RARS Portable Operating Group outing at Eno River State Park on Saturday, November 25 at 1pm. A last minute date change was made to avoid potential thunderstorms the following day. We began by putting up antennas, including two end-fed half wave antennas and a linked dipole. Participants brought a variety of radios, including a Yaesu FT-891, Icom IC-706, Icom IC-705, and the club's Icom IC-718. Once on the air, we activated the park as part of the Parks on the Air program. Joe Schroedl KO4TCY logged 104 QSOs in a 1hr15m. Daniel L'Hommedieu KD4UNX activated his first POTA park using his own callsign since becoming a General class licensee the Tuesday prior at the RARS gathering. CW was attempted late in the afternoon, but those CQ calls fell on deaf ears. We speculate that the CQ WW DX CW contest drew the attention of most CW operators that weekend. Hot beverages were made and served from a pocket-sized backpacking stove. We're looking forward to our next outing in January. 73!

C. Brantley West, III, K4CBW

cbwest@gmail.com

<https://www.rars.org>

NORTH CAROLINA QSO PARTY

February 26, 2023 - 10am - 8pm EST

Sunday February 26, 2023 ——— 10AM to 8PM EST

2023 CHAIRMAN'S MESSAGE

Marty Young W4MY

It's that time of year where the new changes for NCQP come out and we have some great things in store for the event coming up in 2023. The updated rules are posted so look them over and form up your plans!

"In-State" operator is now called "NC"

"Out-of-State" operator is now called "Non-NC"

First, these are just simple name changes to use a more conventional way of naming and to improve the first and second place awards increasing clarity.

"Expedition" is now called "Portable" and a new "Single Portable" category has been added

Read the rest of this message at the NCQP website.

<https://ncqsoparty.org/>

Raleigh Amateur Radio Society Membership Meeting Minutes

08, November 2022

The meeting was called to order at 7:30 P.M. Eastern Time by RARS President John Honeycutt, N8ZU, via zoom. Also noted that next will be the BoD meeting. All members are permitted to attend. Contact John to be put on the agenda if needed. John also invited all that have not renewed, and plan to, please do.

The pledge of allegiance to the American flag was said. John invited new members, visitors were introduced and those with upgrades to introduce themselves.

October minutes were approved.

<https://www.rars.org>

Membership Meeting Minutes, continued

Vice President Tom, N4TL noted that next months meeting will be the induction of new officers and Board members. The program will be "Parks on the Air", by Ben Davis.

Treasurer's report was given. Greg went over the budget. We currently have 411 members. Greg reported on cash assets, inventory and YTD spending, including new donations that have come in.

Nominating Committee Chair Chuck Littlewood, K4HF reviewed the committee report, and opened the floor for any other nominations. None were brought forth. A vote was held and the committee recommendations were passed.

Director's Reports:

Director at Large, Alan, AB4OZ Reported on upcoming swap fests. He noted that local information can be gleaned from his QRZ page.

Director at Large, Tadd, KA2DEW described the activities happening at the 4th Tuesday in person meetings. Invited all to set up a table for Show and Tell. If any special equipment is needed, contact Tadd via e-mail. Generally have 30-35 attendees. The December meeting will be on the 27th. John, N8ZU noted that November will also include VE testing.

Nancy Torborg announced that Frostfest has been canceled and will probably cease to exist in the future.

Vice President Tom, N4TL introduced and conducted our program "Show and Tell".

The meeting was adjured at 9:22 P.M. Eastern time.

Respectfully Submitted,

Mark Kilmer, KM4JRH

Secretary RARS

[Jump back to page 3](#)

RARS Board Meeting

Minutes

18 October 2022

Call to Order:

The meeting was called to order at 7:00 P.M. Eastern Time by President John, N8ZU. He welcomed Chuck Till, K4AGN as a guest to the meeting. The following were present: W4CP, AB4OZ, KE4PAX, KA2DEW, K4HF, KM4JRH, N2FUA, N4TL, WA4GIR

John indicated that he had received some complaints of the meetings lasting too long and asked that everyone be thorough but brief.

Approval of Minutes:

Minutes for September approved.

Old Business:

Jeremy to make updates to the social media pages.
In process

Transfer of Trustee (N4RAL) to Curt.
In process, paperwork has been submitted.

New Business:

Tom (for Mark in absentia) asked Tadd if the December 4th Tuesday might be a Christmas or business as usual. Tadd noted that normal activities are the focus; however, any additional activities are fine.

Greg brought up an e-mail from Dale Pendleton, who is dispersing Bob Key's estate and wants to discuss a donation and some type of memorial. Not enough info at this time to continue the discussion.

John noted that Marty Young is preparing a voluntary advisory board. He wants to maintain the club president on the board in the future.

Special Report: Chuck Littlewood thanked the participants of the nomination committee. Nominations will be taken from the floor at the next club. Installation will be at the December meeting.

Officer Reports:

Vice President: Tom, N4TL has been vice president for 9 years. Next month's meeting will be Show and Tell and officer elections. December meeting will be the officer's induction. There will

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RARS Board Meeting, continued

be a presentation about Parks on the Air, with Ben Davis.

Treasurer: Greg, KE4PAX gave the treasurer's report. Noted 405 members, including 20 new members. Updated the board on the cash assets and inventory, including year to date spending. Tom sent in a recent donation for sale of equipment. Tadd turned in receipts for 4th Tuesday meeting supplies.

Secretary: Mark, KM4JRH no report.

Director Reports:

Field Day Chair: Curt; Still working on the possibility of using Dix Park for Field Day. Looking at some other places as well.

Repeater Chair: In absentia, Alan; Talked to Chuck today. Had an outage at Capital Towers. Still waiting on the combiner for D-Star.

ARRL Liaison: Chuck; Nothing new.

VE Testing Coordinator: Joe; Asked if the November testing session will go as planned? Tadd replied that it would. Will doing Benson as well. Things are going well with cooperation from and with outside testing groups.

RARSfest Chair: No report.

Exciter Editor: Tom; Exciter is going very well, nothing new.

Food Service Chair: Richard; providing snacks for the Hack Meeting. Nothing new to report.

Net Manager: No report.

Webmaster: Hank; No report.

Assistant Webmaster: Tony; No report.

Youth Director: John for Brantley;

Brantley and Carl are working on a grant proposal to the ARRL for two HF and one satellite radio to be used as loaner units.

Working with the Backwoods Orienteering group to set up an ARDF outing.

Last month's outing had sixteen attendees and was quite successful.

RARS Board Meeting, continued

Set up a station for Cub Scout Pack 318 for Jamboree on the air. Again, very successful.

Director at Large: Alan; Questioned the purpose of the 4th Tuesday meeting, as it was his impression that it was a new HAM format. Tadd explained that the meeting is primarily for those who want an in-person meeting. In addition, it is an open forum where anyone can come for elmering, hands-on projects, demonstrations, etc.

Director at Large: Kenny; No report.

Director at Large: Tadd; No report.

Visitor, Chuck Till; has begun looking for speakers for next year's club meetings.

Old Action Items:

To set up something for the Cub Scouts to participate in the Jamboree on the Air.
Complete

Brantley to apply for grants for a radio loaner program. Carl to help with the details.
In process. See Youth Director report.

Hank has some additions/changes to make to the new mobile form.
No update

New Action Items:

- Chuck to mail nominations list to Mark and Tom.

Greg will e-mail Curt his Dix contacts.

The meeting adjourned at 7:44

Respectfully Submitted,

Mark Kilmer (KM4JRH)

Secretary, RARS